

Title (en)

SEALED DIVING BELL LID AND CONDENSATION CONTROL FOR LOW-VOLTAGE LINK BOXES

Title (de)

ABGEDICHTETER TAUCHGLOCKENDECKEL UND KONDENSATIONSKONTROLLE FÜR NIEDERSpannungsVERBINDUNGSKÄSTEN

Title (fr)

COUVERCLE DE CLOCHE DE PLONGÉE ÉTANCHE ET RÉGULATION DE LA CONDENSATION DE BOÎTIERS DE LIAISON BASSE TENSION

Publication

**EP 3644467 B1 20221214 (EN)**

Application

**EP 18202705 A 20181025**

Priority

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Abstract (en)

[origin: EP3644467A1] The invention relates to an underground link box (1) for connecting and/or switching adjacent sections (21) of at least two low-voltage cables (5), the underground link box (1) comprising an outer housing body (19); an inner phase housing (33) for receiving electric connection links (55) for linking the at least two low-voltage cables (5), the inner phase housing (33) being received within the outer housing body (19) and having an access opening (41); and a diving bell lid (27) arranged between the outer housing body (19) and the inner phase housing (33), wherein the diving bell lid (27) is open in a downward direction (45), wherein the diving bell lid (27) comprises an upper wall (69) opposite its opening (77), and wherein the diving bell lid (27) is adapted to receive the inner phase housing (33) underneath the upper wall (69). Underground link boxes (1) of the art have the disadvantage that condensed water may enter the inner phase housing (33) and cause a short circuit in the underground link box (1). The inventive underground link box (1) improves prior art solutions in that a condensate protection cover (73) is provided between the access opening (41) of the inner phase housing (33) and the upper wall (69) of the diving bell lid (27) as a cover (79) for the access opening (41).

IPC 8 full level

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